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U.S. Patent Application Serial No. 10/522,344
Reply to Office Action dated January 31, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (PREVIOUSLY PRESENTED) A fluid dispersion device comprising

a substrate having an outer section and an inner section, said inner section of the substrate having an aperture,

a dispersion element positioned at said aperture of said substrate, and

an actuator arranged to coaxially surround said aperture of said substrate,

wherein the outer edge of said inner section of said substrate is coupled to said outer section of said substrate by a plurality of resilient members.
2. (PREVIOUSLY PRESENTED) The fluid dispersion device of claim 1, wherein said aperture is arranged centrally to said inner section and is circularly shaped and wherein said actuator is annularly shaped.
3. (WITHDRAWN) The fluid dispersion device of claim 1, wherein said plurality of resilient members are serpentine / meandering in form.

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4. (PREVIOUSLY PRESENTED) The fluid dispersion device of claim 2, wherein said plurality of resilient members are aligned radially about the axis of said central aperture of said substrate.
5. (PREVIOUSLY PRESENTED) The fluid dispersion device of claim 2, wherein said plurality of resilient members are aligned at an angle to a line radiating from the centre of said central aperture of said substrate.
6. (PREVIOUSLY PRESENTED) The fluid dispersion device of claim 1, wherein said inner section, said outer section and said resilient members are formed as a single solid.
7. (WITHDRAWN) The fluid dispersion device of claim 1, wherein said inner section and said resilient members are formed as a single solid, wherein said outer section is provided with attachment sections and wherein said resilient members are attached to said attachment sections.
8. (WITHDRAWN) The fluid dispersion device of claim 1, wherein said outer section and said resilient members are formed as a single solid, wherein said inner section is provided with attachment sections and wherein said resilient members are attached to said attachment sections.
9. (WITHDRAWN) The fluid dispersion device of claim 1, wherein said outer section is provided with attachment sections and said inner section is provided with attachment sections and wherein said resilient members are attached to said attachment sections.
10. (WITHDRAWN) The fluid dispersion device of claim 1, wherein the outer section is provided by a plurality of outer partial sections which are positioned by means of a supporting structure which is preferably ring-shaped.

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11. (PREVIOUSLY PRESENTED) The fluid dispersion device of claim 1, wherein said annular actuator is a piezoelectric device.
12. (PREVIOUSLY PRESENTED) The fluid dispersion device of claim 1, wherein at least one of said resilient members is adapted to carry an electrical signal provided for said actuator.
13. (PREVIOUSLY PRESENTED) The fluid dispersion device of claim 11, wherein the inner section of the substrate is adapted to carry an electrical signal provided for said actuator via the at least one resilient member.
14. (PREVIOUSLY PRESENTED) The fluid dispersion device of claim 11, wherein the outer section of the substrate is adapted to carry an electrical signal provided for said actuator to the at least one resilient member.
15. (PREVIOUSLY PRESENTED) The fluid dispersion device of any claim 1, wherein the dispersion element is provided as an integral part of said substrate.